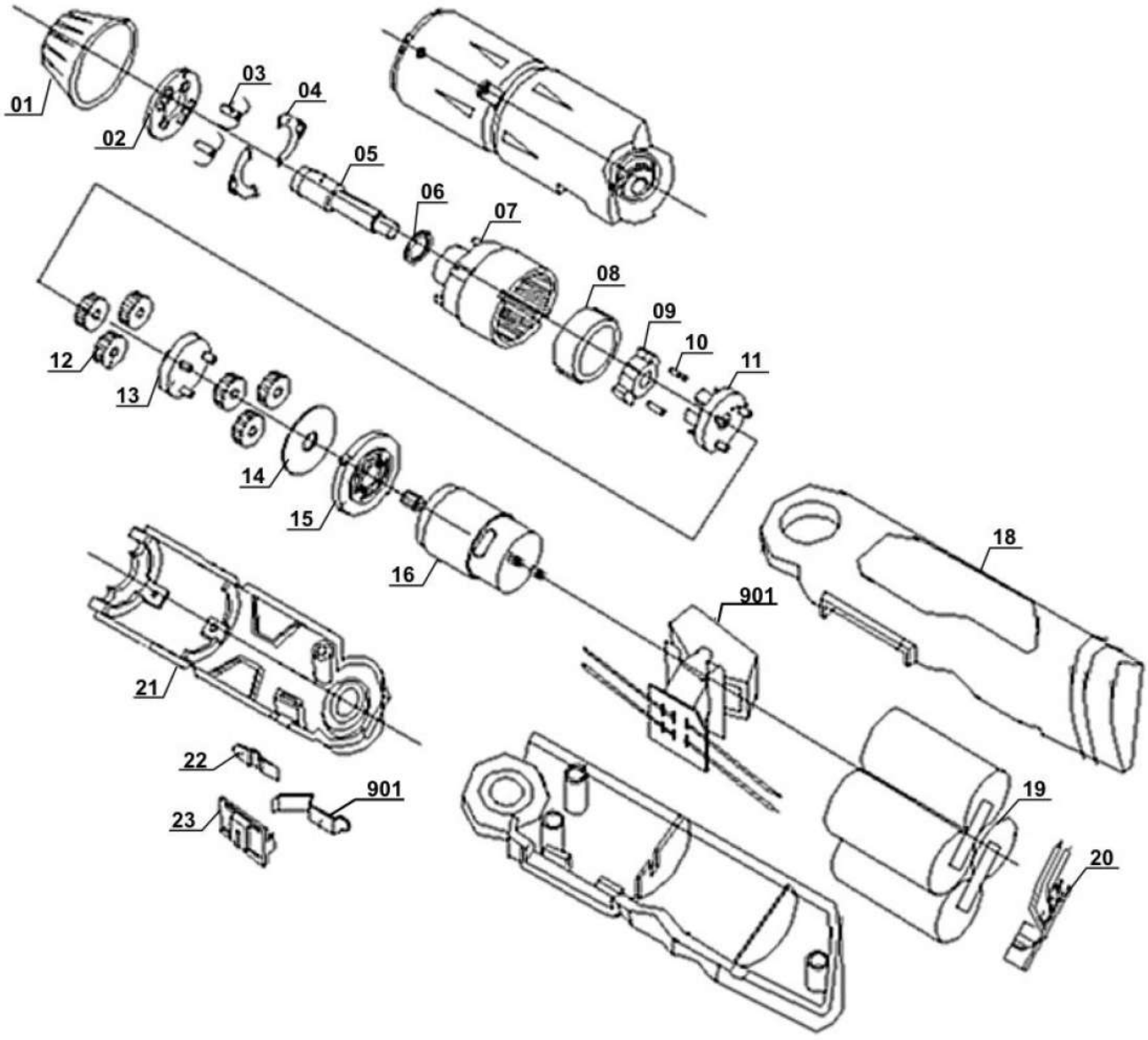
iSC GmbH
Customer Service
Eschenstraße 6
94405 Landau an der Isar
Telefon: +49 (0) 180 / 5120509 (14ct/min)
Fax: +49 (0) 180 / 5835830 (14ct/min)
eMail: info@isc-gmbh.info
www.isc-gmbh.info

PCS 4.8v; EX; UK
Cordless Screwdriver

Artikel-Nr.: 4510704
Ident-Nr.: 01018



Komponenten / Ersatzteile

Position	Artikel-Nr.	Beschreibung
19	451070001019	Battery
901	451070001901	switch complete
0	451070001025	Charger
0	451070001027	Bits
0	451070001029	socket wrench set

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POWER CRAFT

4.8V CORDLESS SCREWDRIVER SET

User Guide & Warranty

3 YEAR WARRANTY

CUSTOMER HELPLINE

After Sales Support

Now you have purchased a Power Craft product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support.

AFTER SALES SUPPORT

UK / N.IRELAND HELPLINE NO 0151 649 1500
REP. IRELAND HELPLINE NO 1890 946 244
WEB SUPPORT www.einhell.co.uk

MODEL NUMBER: 8504

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Introduction 1

Congratulations on choosing to buy a PowerCraft product.

By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Europe's leading manufacturers.

All products brought to you by PowerCraft are manufactured to the highest standards of performance and safety, and, as part of our philosophy for customer service and satisfaction, are backed by our comprehensive 3 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

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General Information & Safety Instructions 2

Please read the operating instructions carefully before assembling and using

General safety regulations for electric tools

Any failures made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury. **Keep all safety regulations and instructions in a safe place for future use.**

The term "electric tool" used in the safety regulations refers to electric tools operated from the mains power supply (with a power cable) and to battery operated electric tools (without a power cable).

Workplace safety

- Keep your work area clean and well illuminated. Untidy or unlit work areas can result in accidents.
- Do not use this tool in a potentially explosive environment containing combustible liquids, gases or dust. Electric tools generate sparks, which can in turn ignite dust or vapors.
- Keep children and other persons away from the electric tool while it is being used. Allowing yourself to get distracted can cause you to lose control of the tool.

Electrical safety

- The tool's connector plug must be able to fit into the socket outlet. Do not modify the plug in any way! Do not use adapter plugs in conjunction with electrically grounded tools. Unmodified plugs and matching socket outlets reduce the risk of an electric shock.
- Avoid touching grounded surfaces, such as those of pipes/tubes, heaters, cookers and refrigerators. There is an increased risk of getting an electric shock if you are electrically grounded.

- Keep the tool away from rain and moisture/wet conditions. Penetration of water into an electric tool increases the risk of an electric shock. Do not use the cable to carry the tool, hang it up or pull the plug out of the socket. Keep the cable away from sources of heat, oil, sharp edges and moving tool parts. Damaged or tangled cable increases the risk of an electric shock.
- If you intend to use an electric tool outdoors, ensure that you only use extension cable that is approved for outdoor applications. Using extension cable that is approved for outdoor applications reduces the risk of an electric shock.
- If operation of the electric tool in a damp environment can not be avoided, use an earth leakage circuit-breaker. The earth-leakage circuit-breaker reduces the risk of an electric shock.

Personal safety

- Be alert, work conscientiously and exercise appropriate caution when using the electric tool. Do not use the tool if you are tired or are under the influence of drugs/medication or alcohol. One moment of carelessness or lack of attention when using the electric tool can cause serious bodily injury!
- Always wear personal protective equipment (PPE), including safety goggles. Wearing personal protective equipment such as a dust mask, non-slip footwear, protective headgear and ear defenders (depending upon the type of electric tool and the particular application) reduces the risk of sustaining injury.
- Make sure that the tool cannot start up accidentally. Ensure that the electric tool is switched off before you connect the tool to the power supply and/or insert the battery, or pick up or carry the tool. Physically touching the switch with your finger when carrying the tool or connecting the tool to the power supply switched on can lead to accidents.
- Remove adjusting tools/wrench(es) prior to switching on the power tool. A tool or wrench that is positioned inside a rotating power tool part can cause injury.
- Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all times. This way, you will be able to have better control over the tool in unexpected situations.

- Wear suitable clothes. Never wear loose fitting clothes or jewelry. Keep hair, clothes and gloves away from moving parts.
- If dust extraction and dust collection devices can be mounted, ensure that these are connected and are properly used.The use of a dust extraction system can reduce the danger posed by dust.

Using the treatment of electric tools

- Do not overload your tool. Only use suitable electric tools to perform your work. Using the right electric tool allows you to work better and safer within the tool's quoted capacity range.
- Do not use an electric tool whose switch is defective. An electric tool that no longer can be switched on or off is dangerous and must be repaired.
- Pull the plug out of the socket and/or remove the battery before making any adjustments to the tool, changing accessories or put the tool down. This precaution eliminates the possibility of inadvertently starting the tool.
- When not in use, store electric tools out of the reach of children. Do not allow those persons to use this tool who are unfamiliar with it or who have not read these instructions. Electric tools are dangerous when they are used by inexperienced persons.
- Take good care of your tool. Check that moving parts properly function and do not jam, that parts are not broken off or damaged in any way and that the tool can be used to its full capacity. Have damaged parts repaired prior to using the tool. The cause of many accidents can be traced back to poorly maintained electric tools.
- Keep your blades sharp and clean. Properly maintained blades with sharp edges jam less frequently and are easier to use.
- Make sure to use electric tools, accessories, attachments, etc. in accordance with these instructions. Take the conditions in your work area and the job in hand into account. Using electric tools for applications other than those intended can lead to dangerous situations.

Service

- Have your tool repaired only by authorized specialists using original replacement parts. This will ensure that your tool remains safe to use.

Careful handling and use of cordless equipment

- Ensure that the equipment is switched off before you insert the battery. Inserting a battery into an electric tool that is switched on can cause accidents.
- Only charge the batteries in chargers that are recommended by the manufacturer. A charger that is designed for a certain type of battery may pose a fire risk if it is used with other types of batteries.
- Use only the correct batteries in the electric tools. The use of other batteries may result in injuries and a fire risk.
- Keep unused batteries away from paper clips, coins, keys, nails, screws and other metallic objects that could cause a short circuit between the contacts. A short circuit between the battery contacts may cause burns or a fire.
- In case of incorrect use, fluid may escape from the battery. Avoid contact with it. If you touch it by mistake, rinse the affected area with water. If you get the fluid in your eyes, also seek medical advice. Leaking battery fluid can cause skin irritation or burns.

Additional safety instructions

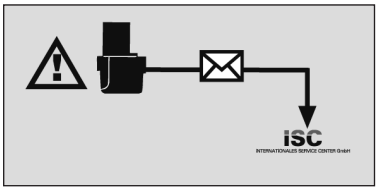
- The battery pack supplied with your cordless tool is not charged. The battery pack has to be charged before you use the tool for the first time.
- The battery pack does not reach its maximum capacitance until it has been charged and discharged approximately five times.
- Battery packs lose their charge even when they are not being used. Regular charging is therefore recommended.
- Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.

- Keep the battery charger and the cordless tool out of children's reach.
- Wear suitable work clothes. Wear safety goggles.
- Never open the battery pack. Avoid contact with a leaking battery pack. In case of accidental contact, wash the affected area of skin with soap and water. If battery acids gets in your eye, rinse out the eye with clear water for at least 10 minutes and seek a doctor's advice immediately. Neutralize other affected areas with a mild acid such as lemon juice or vinegar.
- Protect the battery charger and its cable from damage and sharp edges. Have damaged cables repaired without delay by a qualified electrician.
- Make sure that the contacts of the battery pack do not come into contact with other metallic objects such as nails or screws. There is a risk of short-circuiting!
- Use only battery chargers that are intended for the battery pack in question.
- Do not use damaged battery chargers.
- Leave repairs strictly to the appointed service center or authorized dealers.
- Do not use the supplied battery charger to charge other cordless tools.
- Never allow the battery pack to become fully discharged. This will cause it to develop a defect.
- Timely recharging of the battery pack will help it serve you well for a long time. You must recharge the battery pack when you notice that the power of the cordless tool drops.
- In heavy use the battery pack will become warm. Allow the battery pack to cool to room temperature before commencing with the charging.
- Protect your cordless tool and the battery charger from moisture and rain.
- Do not use the cordless tool or the battery charger near vapors and inflammable liquids.

- Do not throw battery packs into an open fire. There is a risk of explosion!
- Use the battery charger only in dry conditions and an ambient temperature of 10-40°C.
- Do not keep the battery charger in places where the temperature is liable to reach 50°C. In particular, do not leave the battery charger in a car that is parked in the sunshine.
- Do not ignite the battery pack or expose it to fire.

Do not lose these safety instructions.

Recycling Products



Rechargeable batteries and cordless electric machines and tools contain materials that are potentially harmful to the environment. Never place any cordless electric machines or tools in your household refuse. When cordless electric machines or tools in your household become defective or worn, return them to ISC GmbH Eschenstrasse 6, D-94405, Germany. You can then be sure that the equipment will be correctly disposed of by the manufacturer at no additional cost.

For further information in relation to recycling please contact Einhell UK 0151 649 1500

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Assembly & Parts List 3

Layout (Fig. 1)

1 Lamp
2 Bit chuck
3 Changeover switch for forward/reverse / ON/OFF switch
4 Charging connection (Fig. 2)
5 ON/OFF switch for lamp
6 Battery charger (Fig. 2)
7 Locking button (Fig. 2)
8 Control lamp for charging
9 Charging cable (Fig. 2)

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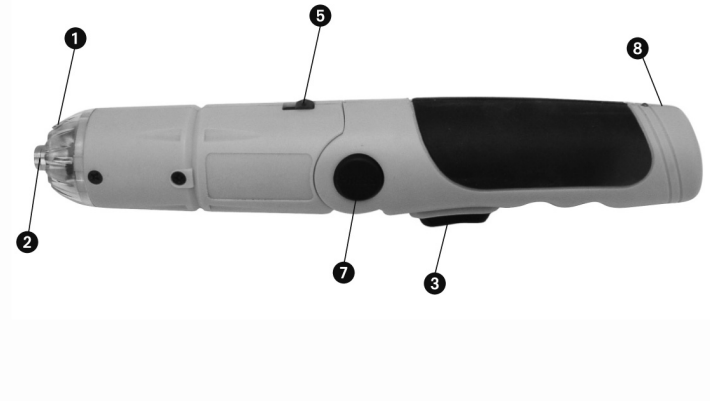

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Charging the NC battery pack

1. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Plug the battery charger in the socket-outlet and connect the charging cable to the charging connection.
2. The red LED (8) will come on to indicate that the battery pack is being charged.
3. An empty battery pack requires a maximum charging period of 5 hours. The temperature of the battery pack may rise slightly during the charging operation. This is normal.

   Important! The charger does not switch off automatically when the battery pack is fully charged! Over charging can result in damaging the battery.

   Disconnect the charging cable from the screwdriver after charging.

If the battery pack fails to become charged, please check

- whether there is voltage at the socket-outlet
- whether there is proper contact at the charging contacts on the charger.

If the battery still fails to become charged, please return

- the charger
- the screwdriver

to our Customer Service Department.

Timely recharging of the Ni-Cd battery pack is recommended in the interest of long battery life. Recharging is always necessary when you notice that the power of the battery-powered drill/screwdriver is decreasing.

Never allow the battery pack to discharge completely.
This will result in damage to the Ni-Cd battery pack!

2

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Features 5

- 4.8v
- Knuckle joint giving two handle positions
- 3-5 hour charge
- Forward / Reverse

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Instructions 6

ON/OFF and forward/reverse changeover switch (3)

You can select between clockwise and counterclockwise rotation. Change the direction of rotation only when the screwdriver is at a standstill. If you fail to observe this point, the gearing may become damaged.

Lighting (1)

The lamp (1) enables the work area to be illuminated in unfavorable lighting conditions. You can switch on the lamp with the switch (5).

Angle setting

The screwdriver can be locked in 3 different angle settings. To do so, press and hold the locking button (7) and move the screwdriver into the desired position. Then release the locking button (7).

Important! Before you switch on the screwdriver, make sure that it is correctly locked in the angle position in question.

Screwdriving

We recommend using self-centering screws (e.g. Torx screws, recessed head screws) designed for reliable working. Be sure to use a bit that matches the screw in shape and size. Set the torque, as described elsewhere in these operating instructions, to suit the size of screw.

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Useful Information 7

Technical data

Voltage supply	4.8 V d. c.
Speed	0-200 rpm
Forward and reverse rotation	yes
Battery charging voltage	6 V d. c.
Battery charging current	300 mA
Mains voltage for charger	230 V ~ 50 Hz
Sound pressure level LPA	58 dB(A)
Sound power level LWA	69 dB(A)
Weight	0.5 kg
Vibration $\bar{a}_W$	< 2.5 m/s

Ordering replacement parts

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

For our latest prices and information please go to
www.isc-gmbh.info

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CE Konformitätserklärung

ISC-GmbH · Eschenstraße 6 · D-94405 Landau/Isar

(D) erklärt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel
(GB) declares conformity with the EU Directive and standards marked below for the article
(F) déclare la conformité suivante selon la directive CE et les normes concernant l'article
(NL) verklaart de volgende conformiteit in overeenstemming met de EU-richtlijn en normen voor het artikel
(E) declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo
(P) declara a seguinte conformidade de acordo com a directiva CE e normas para o artigo
(S) förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln
(FIN) ilmoittaa seuraavaa Euroopan unionin direktivien ja normien mukaista yhdenmukaisuutta tuotteelle
(N) erklærer herved følgende samsvar med EU-direktiv og standarder for artikkel
(RUS) заявляет о соответствии товара следующим директивам и нормам ЕС
(HR) izjavljuje sljedeću uskladjenost s odredbama i normama EU za artikl.
(RO) declară următoarea conformitate cu linia directoare CE şi normele valabile pentru articolul.
(TR) ürün ile ilgili olarak AB Yönetmelikleri ve Normları gereğince aşağıdaki uygunluk açıkla masını sunar.
(GR) δηλώνει την ακόλουθη συμφωνία σύμφωνα με την Οδηγία ΕΕ και τα πρότυπο για το προϊόν

(I) dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo
(DK) attesterer følgende overensstemmelse i henhold til EU-direktiv og standarder for produkt
(CZ) prohlašuje následující shodu podle směrnice EU a norem pro výrobek.
(H) a következő konformitást jelenti ki a termékekre vonatkozó EU-irányvonalak és normák szerint
(SLO) pojasnjuje sledečo skladnost po smernici EU in normah za artikel.
(PL) deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.
(SK) vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok.
(BG) декларира следното съответствие съгласно директивите и нормите на ЕС за продукта.
(UKR) заявляє про відповідність згідно з Директивою ЄС та стандартами, чинними для даного товару
(EE) deklareerib vastavuse järgnevatele EL direktiivi dele ja normidele
(LT) deklaruoja atitikti pagal ES direktyvas ir normas straipsniui
(RS) izjavljuje sledeçi konformitet u skladu s odred bom EZ i normama za artikl
(LV) Atbilstības sertifikāts apliecina zemāk minēto preču atbilstību ES direktīvām un standartiem
(IS) Samræmisyfirlýsing staðfestir eftirfarandi samræmi samkvæmt reglum Evfrópubandalagsins og stöðlum fyrir vörur

PCS 4.8V Cordless Screwdriver Set

[X]	98/37/EC	[ ]	87/404/EEC
[X]	2006/95/EC	[ ]	R&TTED 1999/5/EC
[ ]	97/23/EC	[ ]	2000/14/EG_2005/88/EC:
[X]	2004/108/EC	[ ]	95/54/EC:
[ ]	90/396/EEC	[ ]	97/68/EC:
[ ]	89/686/EEC		

EN 60745-1; EN 60745-2-2; EN 55014-1; EN 55014-2; EN 55015; EN 61547

Landau/Isar, den 22.02.2008

Weichselgartner
General-Manager

Mayr
Product-Management

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WARRANTY CERTIFICATE

Year of manufacture: 2008 **4.8V Cordless Screwdriver Set**

Congratulations! You have made an excellent choice with the purchase of this Quality product. Our commitment to quality also includes our service. Should you, contrary to expectations, experience defects due to material or manufacturing faults during private use within 36 months of the date of purchase we shall be liable for warranty in accordance with statutory warranty regulations, provided that: - The device was not put to any use other than the intended.- Was not overloaded. - Was not used with the wrong accessories. - Repairs where not carried out by any other than the authorised workshop. The warranty certificate is only valid in connection with the receipt. Please keep both in a safe place. The warranty does not affect your statutory rights.

The product is guaranteed for a period of three years beginning on the day of purchase. Keep your purchase receipt safe as proof of the date of purchase. The guarantee period can only be extended for the duration of any repair required.
During the warranty period, if the item becomes defective, please contact the service helpline.
If necessary they will advise on how the product can be returned to us.

Please include the following when sending in your product for repair:
1. The receipt (proof of purchase)
2. This warranty certificate with your name, address, contact details and a fault description completed overleaf.

If the original receipt is not enclosed the repair will be charged for in all cases. After the warranty has expired you can still send defective devices for repairs FREIGHT PREPAID to the address at the end of this booklet. Quotes as well as repairs after warranty period are to be paid for in all cases. Ensure the product is sent well packed as no responsibility can be accepted for items lost or damaged in transit. This warranty does not affect your statutory rights.

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(GB) WARRANTY CERTIFICATE

The product described in these instructions comes with a 3 year warranty covering defects. This 3-year warranty period begins with the passing of risk or when the customer receives the product.
For warranty claims to be accepted, the product has to receive the correct maintenance and be put to the proper use as described in the operating instructions.
Your statutory rights of warranty are naturally unaffected during these 3 years.
This warranty applies in Germany, or in the respective country of the manufacturer's main regional sales partner, as a supplement to local regulations. Please note the details for contacting the customer service center responsible for your region or the service address listed below.

(GB) Einhell UK Ltd
Unit 5 Morpeth Wharf
Twelve Quays
Birkenhead, Wirral
CH 41 1LF

Helpline-No.: GB 0044 151649 1500
IRL 189 09 46244

(GB)

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(GB) Technical changes subject to change

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POWER CRAFT

4.8V CORDLESS SCREWDRIVER SET

PCS4.8V

If you are requested by the manufacturer to return the item for repair please complete the enclosed section and send it together with your product and your receipt (proof of purchase) to the service address shown below.

Name: _____

Address: _____

_____

Contact Telephone No.: _____

Location of purchase: _____

Fault Description: _____

_____

_____

In order to deal with your enquiry please call our customer helpline on the number shown on this page.

Service:
Einhell UK Ltd
Unit 5 Morpeth Wharf
Twelve Quays
Birkenhead, Wirral
CH 41 1LF

UK / N.IRELAND HELPLINE NO: 0151 649 1500
REP. IRELAND HELPLINE NO: 1890 946 244

PCS4.8V 10/2008